

Preliminary Assessment Report

Project 3017321, 110 9TH AVE N

Assessment Completed: 4/4/2014

Project Description: Approx 420,000sf office space in 240' tower, approx 500 residential unit in 400' tower, 850 parking stalls, per plan.

Primary Applicant: [Jodi Patterson-O'hare](#)

This report lists the results of a preliminary assessment of your project requirements by various city departments. It's based on the project characteristics described on your site plan and preliminary application form. If your project required a pre-application site visit (PASV), the results of that site visit are also included. The goal of this report is to help you create a complete submittal package and reduce the need for corrections once your application has been submitted.

Next Steps

1. Review the requirements in this report and contact the staff members listed below with questions.
2. If a street improvement plan is required, develop and submit it to the Seattle Department of Transportation (SDOT). **The Department of Planning and Development (DPD) will not accept your permit application until your street improvement plan is approved as 60% complete by SDOT. See [SDOT Client Assistance Memo 2213](#) for guidance about the 60% complete approval process.**
3. Schedule an appointment for permit application intake with DPD. **Please bring a copy of this report to your intake appointment.**

Questions About This Report

If you have questions about the information in this report, contact the appropriate city staff member for each section.

DPD Drainage Requirements

Arthur Thomas Richardson, (206) 684-3655, art.richardson@seattle.gov

DPD Land Use Requirements

Christopher Amba Ndifon, (206) 233-7938, christopher.ndifon@seattle.gov

DPD Preapplication Site Visit Requirements

Douglas Thresher, (206) 233-3875, Douglas.Thresher@seattle.gov

Seattle City Light Requirements

Ray Ramos, (206) 615-1193, ray.ramos@seattle.gov

Seattle Department of Transportation Requirements

Leo Kaarrekoski, leo.kaarrekoski@seattle.com

Seattle Public Utilities Requirements

Steve Resnick, (206) 233-7234, ResnicS@seattle.gov

Water Availability

P Kimani, (206) 684-5975, Karen.Younge@Seattle.Gov

Other Resources

- General questions about the permit process: Contact the DPD Applicant Services Center (ASC) at 206-684-8850.
- User-friendly guides to city permitting processes: [DPD](#) and [SDOT](#).
- [Detailed zoning information](#).
- Visit our [permit type pages](#) for step-by-step instructions and forms for preparing your application and plans for review.

Requirements

DPD Drainage Requirements

The following requirements are based on the current stormwater and side sewer codes.

Existing Public Drainage Infrastructure

Combined sewer main location: 9th Ave N / Denney Way / Westlake Ave N

Combined sewer main size: 12-inch / 12-inch / 28X42-inch

Drainage

The drainage point of discharge (SMC 22.805.020) is located at: Combined sewer.

Flow Control Compliance

All new, replaced, and disturbed topsoil shall be amended with organic matter per rules promulgated by the Director prior to completion of the project to improve onsite management of drainage water flow and water quality per SMC 22.805.020.E. A completed [Construction Stormwater Control and Soil Amendment Standard Plan](#) is required.

Parcel-based projects with 7,000 square feet or more of land disturbing activity or 2,000 square feet or more of new plus replaced impervious surface must implement green stormwater infrastructure (bioretention cells, green roofs, permeable pavement, rainwater harvesting, etc.) to infiltrate, disperse, and retain drainage water onsite to the maximum extent feasible per SMC 22.805.020.F. and [Director's Rule 15-2012](#).

Flow control standards must be first met by utilizing green stormwater infrastructure to the maximum extent feasible. Additional flow control measures shall be installed if the flow control standard cannot be met solely using green stormwater infrastructure. Refer to [DR 17-2009](#). Submit a [Green Stormwater Requirement Calculator](#) along with additional flow control documentation.

For more information see: <http://www.seattle.gov/dpd/codesrules/codes/stormwater/default.htm>

This project site discharges to a **Public Combined Sewer** (SMC 805.050.A.5). Based upon the information provided on the Preliminary Application Form pertaining to land disturbing activity and existing and proposed impervious surfacing, this project shall **provide flow control meeting the Peak Flow Control Standard per SMC 22.805.080.B.4.**

The post-development peak flow with a 4% annual probability (25-year recurrence flow) shall not exceed 0.4 cubic feet per second per acre. Additionally, the peak flow with a 50% annual probability (2-year recurrence flow) shall not exceed 0.15 cubic feet per second per acre.

Projects with less than 10,000 sf new plus replaced impervious surface can use the [Pre-Sized Flow Control Calculator](#) in lieu of continuous modeling.

Water Quality

No requirements

Wastewater

All homeowners and building owners in King County's service area whose home or building was newly connected to the King County sewer system on or after Feb. 1, 1990 must pay a [King County Capacity Charge](#).

Permanent and Temporary Dewatering

Per SMC 21.16.110, the proposed project requires a separate side sewer permit for temporary dewatering based on the following: excavation greater than 12 feet deep.

The footing drain (if part of building plan) point of discharge ([DPD DR 4-2011](#)) is located at the following: Combined system.

Side Sewer

The existing side sewer for a new or converted building or dwelling unit may be reused pursuant to SMC 21.16.240.

In order to reuse an existing side sewer, the [Side Sewer Evaluation and Certification Form](#) must be completed by a licensed engineer.

DPD Land Use Code Requirements

Street Requirements

Based on the scope of the proposed project, the following street improvements are required per Chapter 23.53 of the Seattle Municipal Code. Please review Right-of-Way Improvements Manual for design criteria (<http://www.seattle.gov/transportation/rowmanual/manual/>). Show required street improvements on your "enhanced site plan" at DPD permit application intake. If an SDOT Street Improvement Plan (SIP) is required, please list SDOT project number and SDOT contact name on the enhanced site plan. Street Improvement Plans must be accepted by SDOT prior to DPD permit application intake.

9TH AVE N

Street trees shall be provided in the planting strip according to Seattle Department of Transportation Tree Planting Standards. Contact SDOT Urban Forestry (for residential projects: (206) 684-TREE; for all others: (206) 684-5693), to determine species of tree and standards of planting. Please add a note to the site plan showing size, location and species of tree to be planted.

<http://www.seattle.gov/transportation/treeplanting.htm>.

JOHN ST

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<http://www.seattle.gov/transportation/treeplanting.htm>.

Alley Requirements

ALLEY EAST OF SITE

Pave the width of the alley abutting the lot and the portion of alley between the lot and the connecting street. The Seattle Right of Way Improvements Manual (http://www.seattle.gov/transportation/stuse_docs.htm) contains design details.

A 2-foot foot dedication is required. Refer to SDOT CAM 2203. Please see

http://www.seattle.gov/transportation/stuse_docs.htm.

Land Use

Based on the project scope and/or location of environmentally critical areas on the development site, SEPA may be required. See CAM 208 for more details.

Design Review is required; see CAM 238 for more details. Departures from development standards should be identified as early as possible in the application process.

Pre-Application Site Visit (PASV) Requirements

PASV report requirements may be subject to additions, changes, or modifications by the department. The purpose of the report is to alert the applicant that there may be unusual or complex site conditions that trigger requirements from the department regarding this project. **The applicant is responsible for providing all required documents at the intake appointment.** If you have questions about this report or the PASV process, please contact the DPD Site Development Team at (206) 684-8860.

Note: Any project application associated with the development site can utilize the results from this PASV if the application is accepted by DPD within 24 months of the above inspection date. After 24 months, the applicant must apply for another PASV. No extensions will be granted.

ECA Mapping Unit and Type

Non-ECA

Earth Disturbance

If excavation has the potential to encroach on adjacent property in order to facilitate construction activity, please provide documentation of consent from the adjacent property owner. Show area of proposed encroachment on the submitted drawings and detailed cross-sections.

If temporary cuts greater than 1h:1v will be required in order to facilitate construction activity, please provide a geotechnical engineer's verification that soil conditions allow cuts to stand unsupported. Include detailed cross sections.

Please show all existing and proposed retaining walls/rockeries and the exposed height.

If shoring will be required, please provide submittals by geotechnical and structural engineers and show the proposed system on the submitted drawings. Include detailed cross sections.

Existing ROW Conditions

9TH AVE N

Street conditions:

Asphalt paving

Curb conditions:

Curb adjacent to site

Concrete

Approximate curb height: 2-6" inches

A storm inlet is located <350 ft from the site and prior to crossing a public right of way.

It appears that drainage from that discharge point will remain in the gutter line all the way to the nearest inlet structure, but this assessment is preliminary and it is the responsibility of the applicant to meet all relevant SW code requirements.

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Street conditions:

Concrete paving

Curb conditions:

Curb adjacent to site

Concrete

Approximate curb height: 5" w/ metal cap inches

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It appears that drainage from that discharge point will remain in the gutter line all the way to the nearest inlet structure, but this assessment is preliminary and it is the responsibility of the applicant to meet all relevant SW code requirements.

DENNY WAY

Street conditions:

Asphalt paving

Curb conditions:

Curb adjacent to site

Concrete

Approximate curb height: 2-4" inches

A storm inlet is located <350 ft from the site and prior to crossing a public right of way.

It appears that drainage from that discharge point will remain in the gutter line all the way to the nearest inlet structure, but this assessment is preliminary and it is the responsibility of the applicant to meet all relevant SW code requirements.

ALLEY EAST OF SITE

Unopened

Comments: Alley does not currently exist.

Potential Impacts to Seattle Parks Property

No parks property in vicinity

Tree Protection

Trees greater than 6 inches in diameter as measured 4.5 ft above ground are present on the site but not shown on the site plan. Show the dripline of

- 1) **all** trees on the site,
 - 2) adjacent trees that encroach on the site that are greater than 6 inches in diameter as measured 4.5 ft above ground, and
 - 3) **all** trees located in the adjacent ROW.
- Include common and scientific names for all trees shown. For more information, see [Director's Rule 16-2008](#) and [Tip 242](#).
Multiple trees greater than 6".

Construction Stormwater Control

All projects with earth disturbance, regardless of size, require temporary and permanent stormwater control in accordance with the Construction Stormwater Control (CSC) Technical Requirements Manual ([DR 16-2009, Volume 2](#)).

Show the following on the [Construction Stormwater Control and Soil Amendment Standard Plan](#):

Place compost socks, compost berms, filter fabric fencing, straw bales, straw wattles, or other approved perimeter control BMPs to eliminate construction stormwater runoff.

Show the location of a stabilized construction access to the site; show methods to eliminate uncontrolled conveyance of mud and dirt into the right of way (ROW).

Place silt-trapping inserts in receiving catch basins located within 10 feet of construction entrance.

Cover bare soil with compost blankets, straw, mulch, matting, or other approved equal to control construction stormwater runoff.

Cover stockpiles and bare slopes with compost blankets, tarps, matting or other approved equal to control construction stormwater runoff.

A First Ground Disturbance inspection is required before any ground disturbance related to this permit, including demolition, tree cutting, clearing, grubbing, and grading. After your permit is issued, schedule an inspection by calling (206) 684-8900 or [online](#) at <http://web1.seattle.gov/DPD/InspectionRequest/default.aspx>.

Seattle City Light Requirements

Street/Alley Requirements **9TH AVE N**

10' Clearance from Structures: 10-ft horizontal clearance required between power lines and permanent structures. Review DPD TIP 122, Electric Utility Clearance Requirements, and SCL Construction Guideline D2-3 (<http://www.seattle.gov/Light/engstd/Docs/ConStd/d23.pdf>). Transmission lines require greater clearance. Changes to SCL's system to meet clearances are done at the project's expense. There are overhead high voltage lines along 9th Ave N.

Working Clearance: State law requires construction workers, their tools, machinery, equipment, and materials to maintain a 10-foot clearance from power lines. Review WAC 296-24-960 and OSHA 1910.333(c)(3)(i). Transmission lines require greater clearance. To work near power lines, notify SCL well in advance to de-energize and ground the lines, or relocate the lines temporarily. This SCL work is done at the project's expense. There are overhead high voltage lines along 9th Ave N.

An SCL engineer will require scaled building elevation drawings to determine clearances. Please submit an extra set of plans at DPD intake.

Underground electrical facilities/conductors require separation from other utilities. Review SCL Construction Guideline U2-10/NDK-50, Electrical Conduit and Facilities in the Public Rights of Way (<http://www.seattle.gov/Light/engstd/>). Before digging, contact the Utilities Underground Location Center ("one-call") at (800) 424-5555 two business days in advance to locate and mark underground utilities, per state law (RCW 19.122). There are underground high voltage lines and electrical facilities along 9th Ave N.

Meet fire safety clearances from vaults and padmounted enclosures. Review SCL Construction Guideline U10-7 (<http://www.seattle.gov/Light/engstd/Docs/ConStd/u107.pdf>).

JOHN ST

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Working Clearance: State law requires construction workers, their tools, machinery, equipment, and materials to maintain a 10-foot clearance from power lines. Review WAC 296-24-960 and OSHA 1910.333(c)(3)(i). Transmission lines require greater clearance. To work near power lines, notify SCL well in advance to de-energize and ground the lines, or relocate the lines temporarily. This SCL work is done at the project's expense. There are overhead high voltage lines along John St.

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DENNY WAY

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ALLEY EAST OF SITE

Underground electrical facilities/conductors require separation from other utilities. Review SCL Construction Guideline U2-10/NDK-50, Electrical Conduit and Facilities in the Public Rights of Way (<http://www.seattle.gov/Light/engstd/>). Before digging, contact the Utilities Underground Location Center ("one-call") at (800) 424-5555 two business days in advance to locate and mark underground utilities, per state law (RCW 19.122). There are underground electrical lines along the alley.

Your project is located in a Seattle City Light Network area. Based on our assessment of the size of your project, you may need transformers on your private property for power service to your building. This can be done with vaults inside the building or below grade vaults exterior to the building. Include these facilities for your project power needs in your building plans. SCL has access, clearance, size and location requirements for vaults or pads. Some transformers require long lead times to obtain. Contact SCL well in advance to provide electrical service size and voltage details.

Conservation

Energy Smart Services. Seattle City Light offers energy conservation grants for large new construction projects designed to exceed the energy efficiency requirements of the Seattle Energy Code. Contact Seattle City Light early in the design process to receive free energy analyses and funding estimates by utility staff, and funding for whole-building energy analysis by private sector consultants. The program is win-win. Tenants and buyers are attracted by reduced operating costs, while the project developers benefit from additional LEED points and grants to help offset increases in construction costs. The utility meets load growth through an investment that is less expensive than building new generating facilities. Designers are better able to promote the economics of cutting edge designs. Call (206) 684-3254 today to take advantage of this opportunity.

Notes to Applicant

For new service, please contact the Electrical Service Engineer for your area several months before new service is required to determine your electric service design, service location and what kind of service is available at the building site. An Application for Electrical Service must be submitted to Seattle City Light. The Electrical Service Engineer should also be contacted to coordinate electrical disconnections prior to demolition and temporary power for construction. Your Electrical Service Engineer is: Gerard Legall, 206-233-2172, gerard.legall@seattle.gov. Be advised that it is the applicant's responsibility to seek guidance from SCL. Failure to contact SCL at your earliest convenience could severely impact your project's scope, schedule and budget. This responsibility rests solely with the applicant.

Other Requirements

- Additional Working Clearance Requirements: For cranes and derricks in construction, there is a new OSHA standard for clearance from overhead power lines. The new standard is 20 feet from overhead power lines.

SDOT Requirements

The City of Seattle's Right-of-Way Improvements Manual (ROWIM) and SDOT's Street & Sidewalk Pavement Opening and Restoration (PORR) Director's Rule 2004-02 may be accessed from SDOT's Street Use website at: http://www.seattle.gov/transportation/stuse_docs.htm. Whenever possible, specific reference notation for these two design documents is noted next to the design characteristics below. Be advised that these specific section and chapter references are provided as preliminary guidance only and are not comprehensive in scope.

Street Improvement Requirements

9TH AVE N

Tree planting. See Seattle Right of Way Improvements Manual (ROWIM) and City of Seattle Standard Plans 030, 100 and 424. Contact SDOT Urban Forestry for residential projects at (206) 684-TREE; for all others at (206) 684-5693 for approval of species and placement. sidewalk setback for trees?

New/Replacement Curb: See Seattle Right of Way Improvements Manual (ROWIM) and the City of Seattle Standard Plan 410. seal off abandoned driveways

JOHN ST

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New/Replacement Curb: See Seattle Right of Way Improvements Manual (ROWIM) and the City of Seattle Standard Plan 410. seal off abandoned driveways

DENNY WAY

Tree protection: Removal of trees in the public right-of-way (ROW) is prohibited. Projects must be designed to accommodate existing trees in the ROW. Exceptions to this policy require review and approval by SDOT Urban Forestry. For residential projects, call (206) 684-TREE; for all other projects, call (206) 684-5693. Contact SDOT Urban Forestry immediately if you are proposing to remove street trees. If an exception from street tree removal is not granted, the project will need to be redesigned to preserve street trees.

New/Replacement Curb: See Seattle Right of Way Improvements Manual (ROWIM) and the City of Seattle Standard Plan 410. seal off abandoned driveways

Alley Requirements
ALLEY EAST OF SITE

Alley Grading: Standard alley cross section at established grade for portion of alley being improved. See Seattle Right of Way Improvements Manual (ROWIM) chapter 4. Apply for SDOT SIP Design Guidance. See SDOT CAM 2211.

New/replacement turnaround/cul-de-sac. See Seattle Right of Way Improvements Manual (ROWIM) section 4.22. If your project is proposing to install a new turnaround/cul-de-sac or is proposing to change the alignment of an existing turnaround/cul-de-sac apply for SDOT SIP Design Guidance. See SDOT CAM 2211. if alley is not extended for full length of block

Alley Drainage: Required for portion of alley being improved. A drainage review is required for any project which involves more than 750 sq ft of land disturbing activity in the public right-of-way. See Seattle Right of Way Improvements Manual (ROWIM) section 4.17.

SPU Requirements

Flow Control Compliance

All new, replaced, and disturbed topsoil shall be amended with organic matter per rules promulgated by the Director prior to completion of the project to improve onsite management of drainage water flow and water quality per SMC 22.805.020.E. For projects with 5,000 square feet or more of new and replaced impervious surface, a comprehensive drainage control plan shall be prepared by a licensed engineer.

Roadway projects with 7,000 square feet or more of land disturbing activity or 2,000 square feet or more of new plus replaced impervious surface must implement green stormwater infrastructure to infiltrate, disperse, and retain drainage water onsite to the maximum extent feasible without causing flooding, landslide, or erosion impacts per SMC 22.805.020.F. Flow control standards must be first met by utilizing green stormwater infrastructure to the maximum extent feasible. Additional flow control measures shall be installed if the flow control standard cannot be met solely using green stormwater infrastructure. Refer to DR GSI to MEF and DR Vol.3.

Water Availability

Your water availability assessment has been approved.

Water Availability Certificate reference number: 20140537

Water Availability Certificate status: Approved with No Changes

Prepared by: Richard F Wilson

Existing Water System Information

Proximity of nearest fire hydrant is: 68 feet S of property. Meets standards.

Water Main:

Size: 12 inches	Material: Cast Iron	Class: C
- Standard		
- Abutting		

Water Main is available to serve in: 9th Avenue N

Distance of main to E margin of street is 23 feet.

Public ROW width is feet.

Water Service(s):

Size: 2"	Material: Copper
Size: 6"	Material: Ductile Iron

Size: 4"

Material: Ductile Iron

Other Requirements

Owners of residential property occupied by a tenant who will be displaced by housing demolition, substantial rehabilitation, change of use, or removal of use restrictions may need to obtain a Tenant Relocation License. Refer to DPD Tip 123, Seattle's Tenant Relocation Assistance Ordinance, for further information and instructions or call (206) 684-7979.

If your project involves additions or modification to or demolition of an existing building that contains four or more dwelling units or 4,000 square feet or more of non-residential area, and the building is a designated historic landmark or is 50 years old and meets the criteria set forth in SMC 25.12 for landmark designation, SEPA is required. Please contact the Department of Neighborhoods at (206) 684-0228 or www.seattle.gov/neighborhoods/preservation to determine if your building is a designated landmark or if a referral is necessary to determine if the building meets the criteria in SMC 25.12. Refer to Tip 208 for information regarding the application requirements for a SEPA review and Tip 3000 for information regarding landmarks and historic preservation.

If the scope of your proposed project changes before your DPD intake appointment or SDOT street improvement plan application, the requirements in this report may change. If there are municipal code and ordinance changes before our DPD intake appointment, the project must meet the new code requirements. Additional street improvement requirements may be triggered if a permit application for a development project on adjacent property is also undergoing review.

Please be aware that all persons or companies working within the City limits, including all contractors, subcontractors, permit expeditors and other service providers are required to possess a valid City of Seattle business license. This license is required in addition to any other licenses required by the State of Washington, such as a contractors' license or state business license. For more information about City of Seattle business licenses, please contact inspector Michale Crooks at 206-684-8871, Michale.Crooks@seattle.gov, or visit the [Licensing and Tax Administration Division website](#).